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APPENDIX B

**CONTOUR PROTECTION MAPS OF CHANNELS 60-69
UNDER THE FCC'S AND BROADCASTERS' APPROACHES**

The attached maps illustrate the location of NTSC and DTV channel assignments in the channel 60-69 range under both the Broadcasters' approach (embodied in the Modified Table) and the FCC's approach (embodied in the Baseline Table derived from the FCC DTV Table, as discussed in Part III of the Joint Comments).

The first 20 maps illustrate the amount of spectrum (in white) that would be available for auction in 6 MHz blocks in each of channels 60-69 under the Broadcasters' and FCC approaches. By contrast, the blue and red areas represent spectrum that could not be auctioned because it is needed to transmit or protect DTV (blue) and NTSC (red) signals. The NTSC contour protection maps were derived using the FCC rules (47 C.F.R. 90.300, Subpart L). The DTV contour protection maps were derived using the criteria in the Notice, at ¶ 75.

The second 8 maps use the same color schemes to illustrate the spectrum availability in channels 60-69, aggregated into larger spectrum blocks. Thus, the maps illustrate the availability of spectrum for auction under the Broadcasters' and FCC approaches in channels 60-62 (18 MHz), 63-65 (18 MHz), 65-69 (30 MHz), and 66-69 (24 MHz).

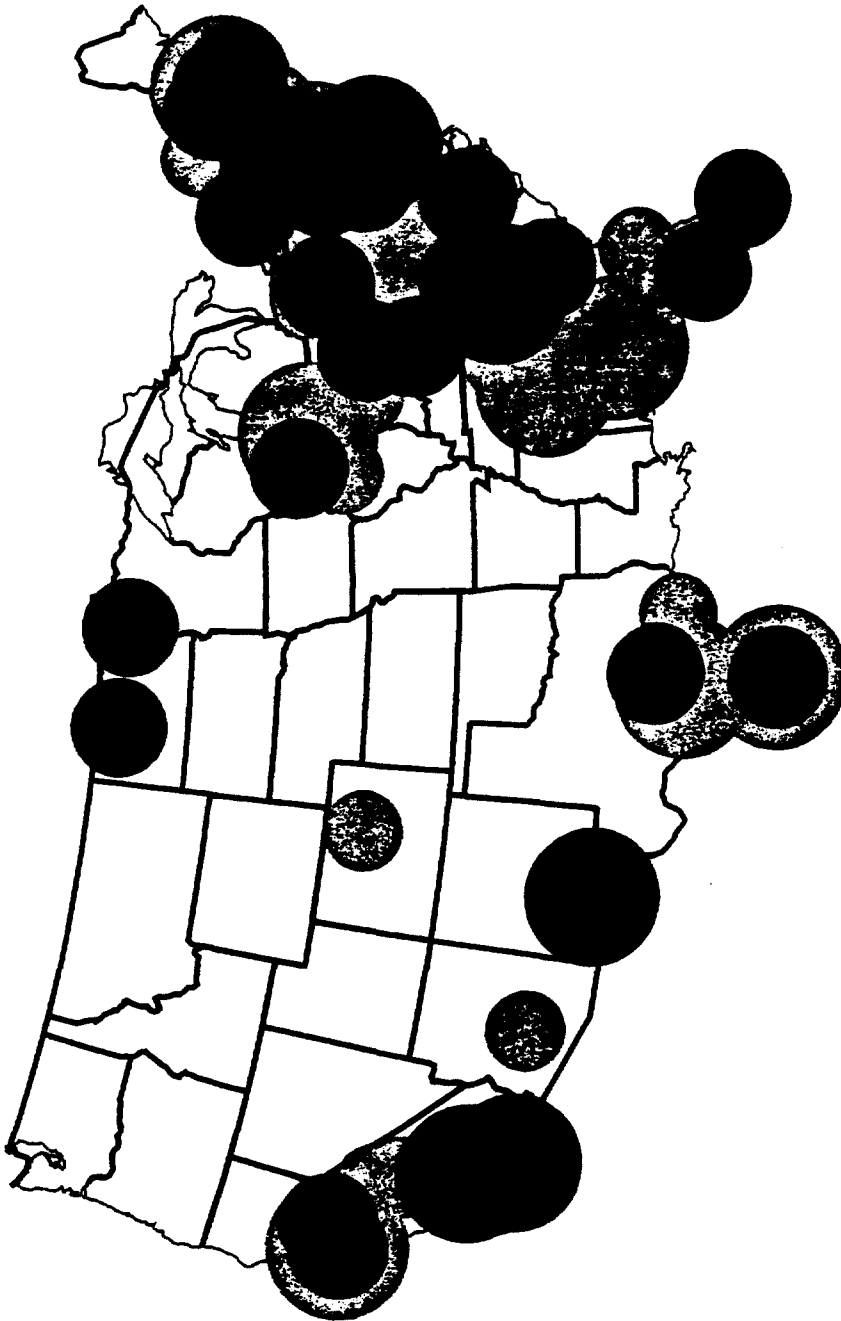
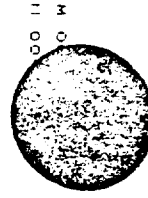
These maps show that the Broadcasters' approach, although it would assign more DTV channels to channels 60-69, would impact the availability of spectrum in this band little more than would the FCC approach. However, because neither approach would free up a significant amount of spectrum in the major markets during the transition period, we propose that there be no auction of broadcast spectrum until the transition to DTV is completed. Then the spectrum can be cleared of broadcast stations and auctioned for a far better return, as the preceding economist's report indicates.

BASELINE TABLE (CORRECTED FCC DTV TABLE) -- CHANNEL 60

54-30-00 N
62-15-00 W

54-30-00 N
125-00-00 W

17-00-00 N
125-00-00 W



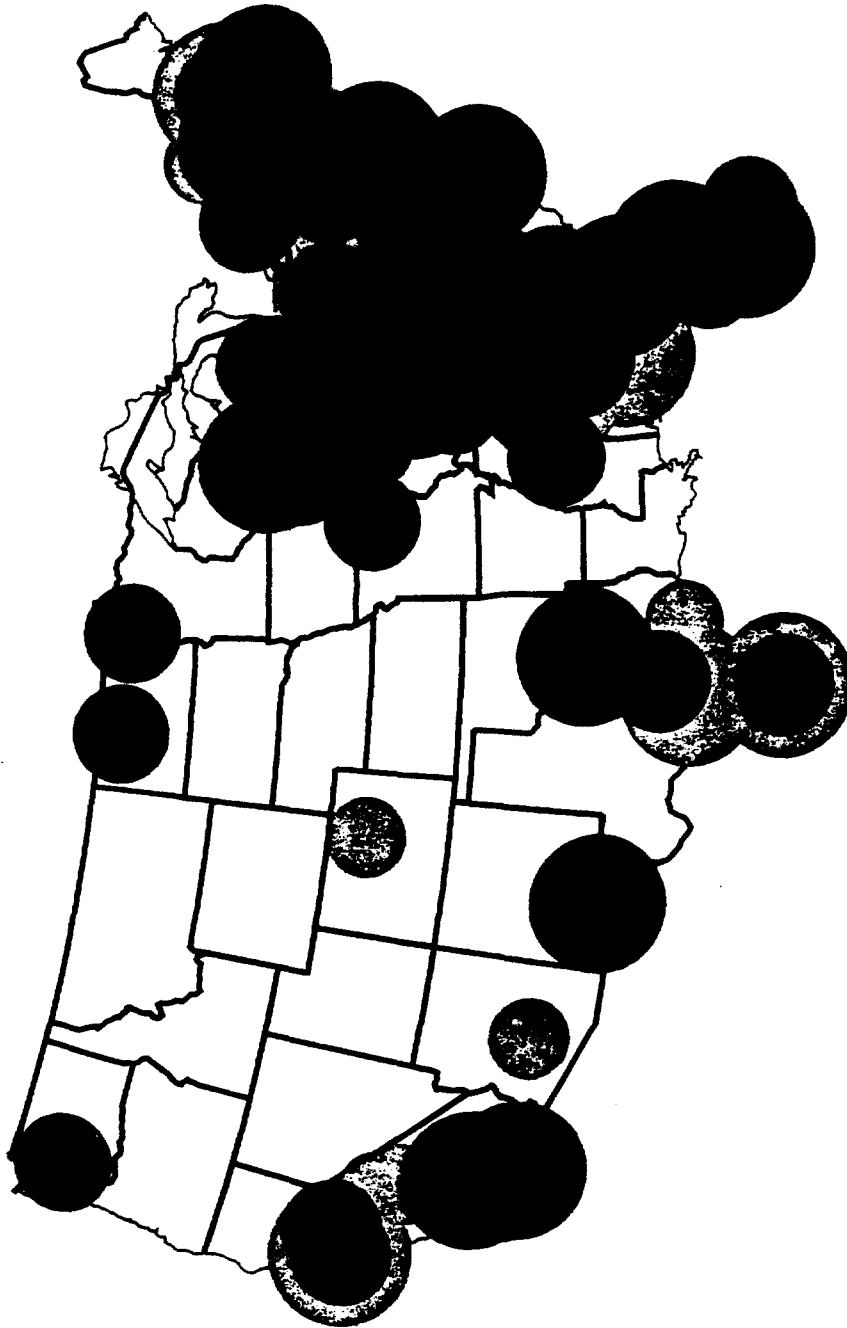
MAJOR DIVISIONS ARE: 100.0 KM
SCALE IS: 640.64 MILES/INCH
398.07 MILES/INCH

Stations on & adj. to channels 60 - 60
Plan file: fcc_96_plan_fix.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96 Scale points 37.00: 94.00: -44444

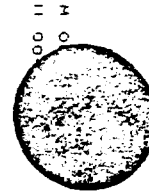
BROADCASTERS' MODIFIED TABLE -- CHANNEL 60

54-30-00 N
125-00-00 W

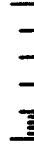
54-30-00 N
125-00-00 W



17-00-00 N
125-00-00 W



Stations on & adj. to channels 60 - 60
Plan file: plan_100996.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96 scale points 37.00' 94 60/*****

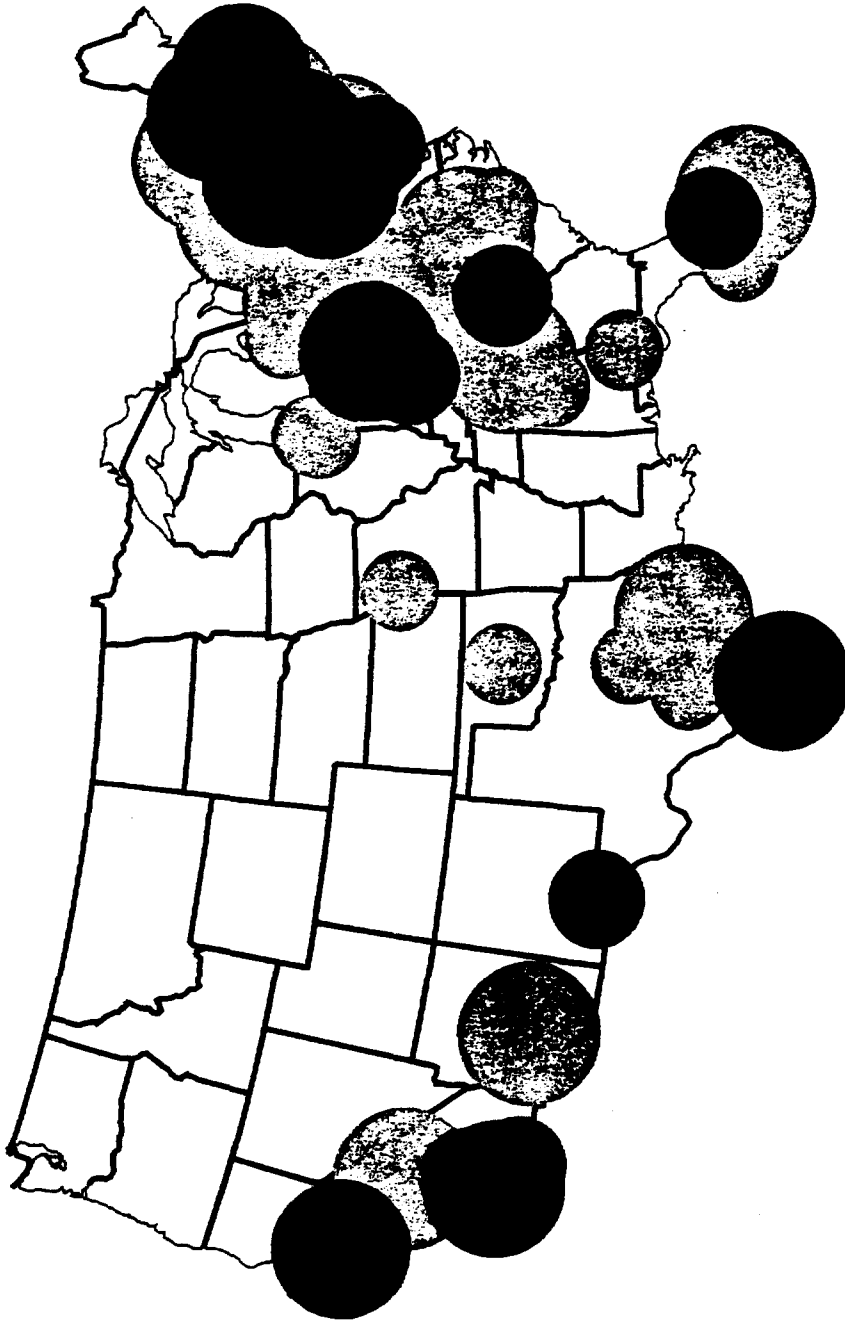


MAJOR DIVISIONS ARE: 100.0 KM
SCALE IS: 640.64 KM/INCH
398.07 MILES/INCH

BASLINE TABLE (CORRECTED FCC
DTV TABLE) -- CHANNEL 61

54-30-00 N
62-15-00 W

17-00-00 N
125-00-00 W



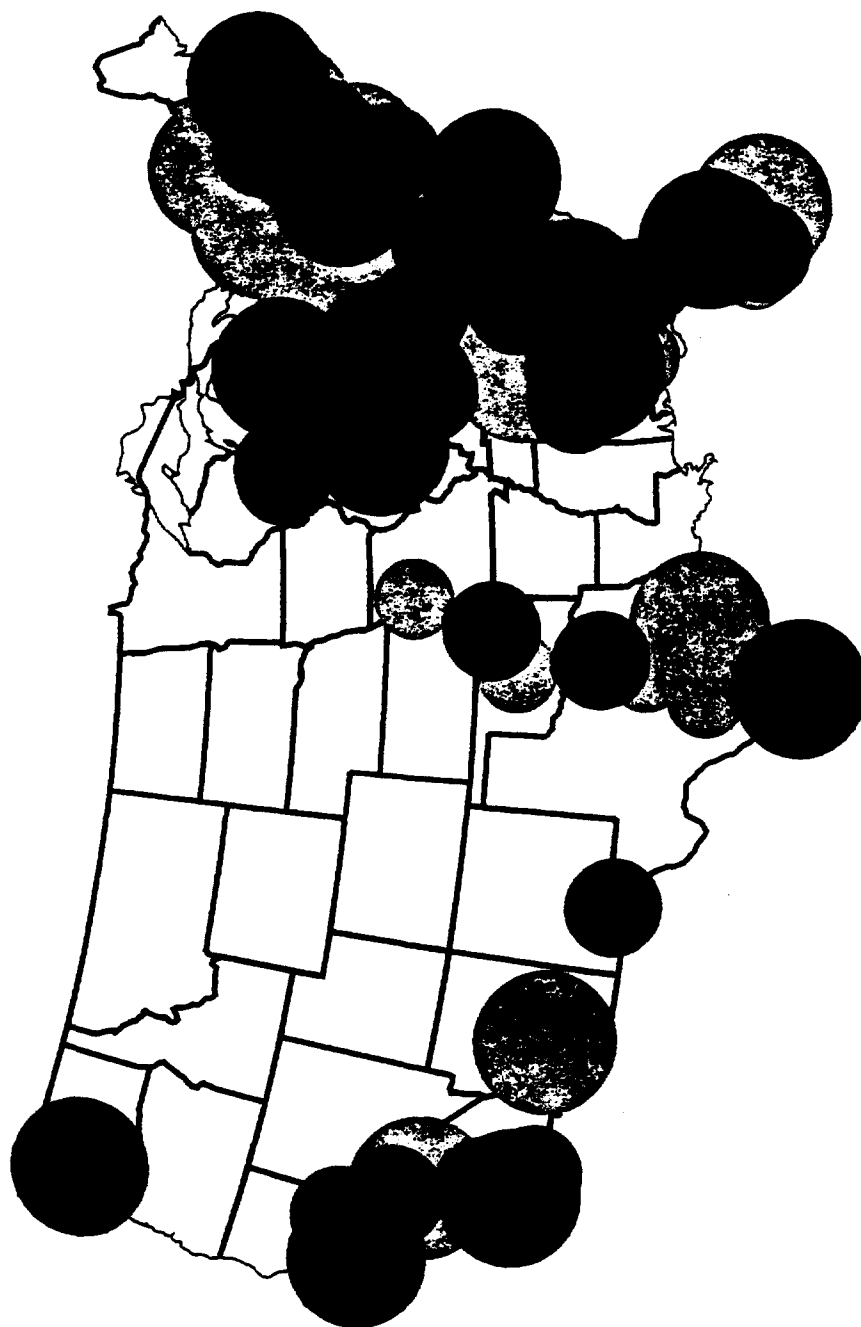
17-00-00 N
125-00-00 W



MAJOR DIVISIONS ARE: 100.0 KM
SCALE IS: 640.64 KM/INCH
395.07 MILES/INCH

Stations on & adj. to channels 61 - 61
Plan file: fcc_96_plan_fix.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96 Scale counts 37.00 94 00.000000

11 00-06-15
M 00 51 29



11 00-00-41

+

17-00-00 11 2

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Stations on 6 adj. to channels 61 - 61
Plan file: plan_100996.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96      scale points 37.00 94.00

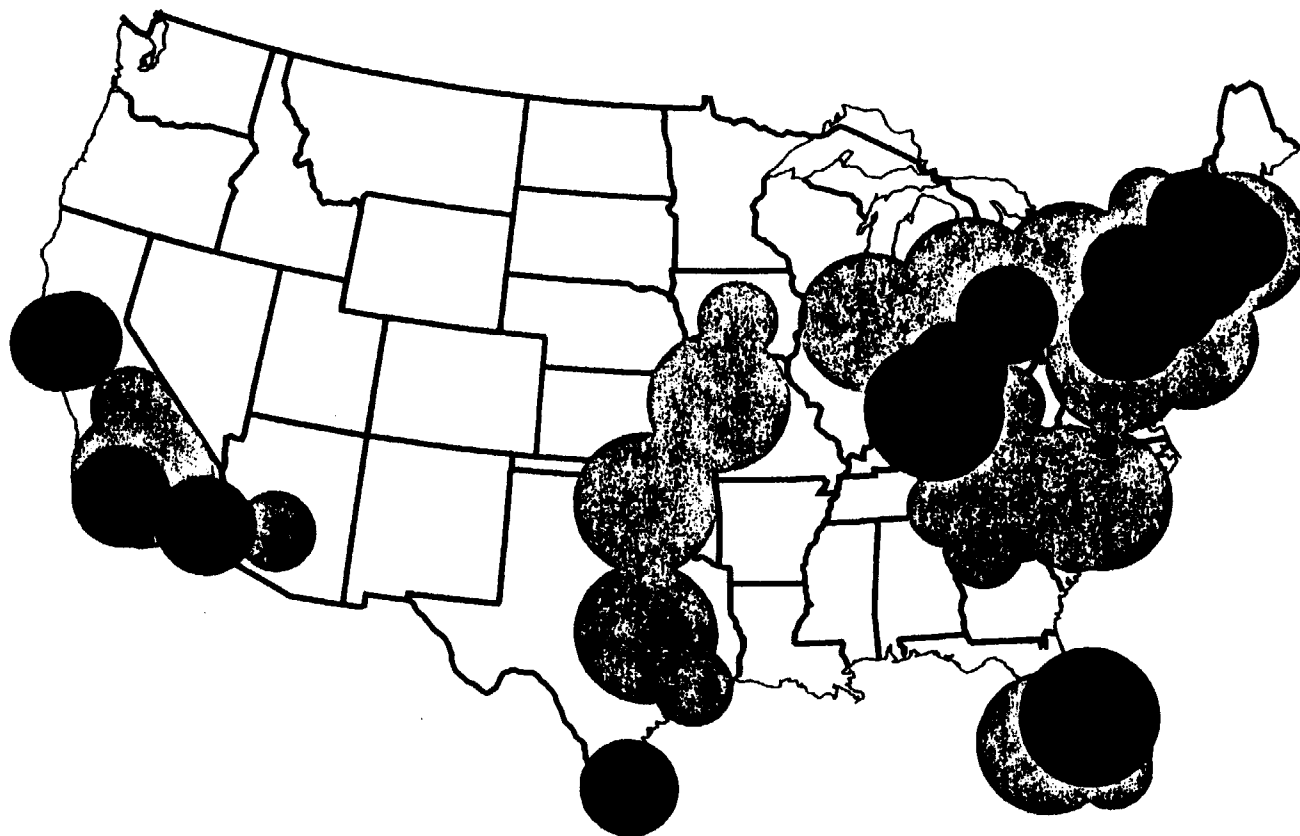
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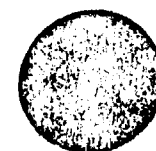
MAJOR DIVISIONS ARE: 100.0 MM
SCALE IS: 630.64 MM/INCH
398.07 MILES/INCH

54-30-00 N
125-00-00 W

54-30-00 N
62 15-00 W



17-00-00 N
125-00-00 W



Stations on & adj. to channels 62 - 62

Plan file: fcc_96_plan_fix.dat

Stations are NTSC (Red) and ATV (Blue)

Date: 10 17 96

Scale points 37.00/ 94.00/*****



MAJOR DIVISIONS ARE: 100.0 KM

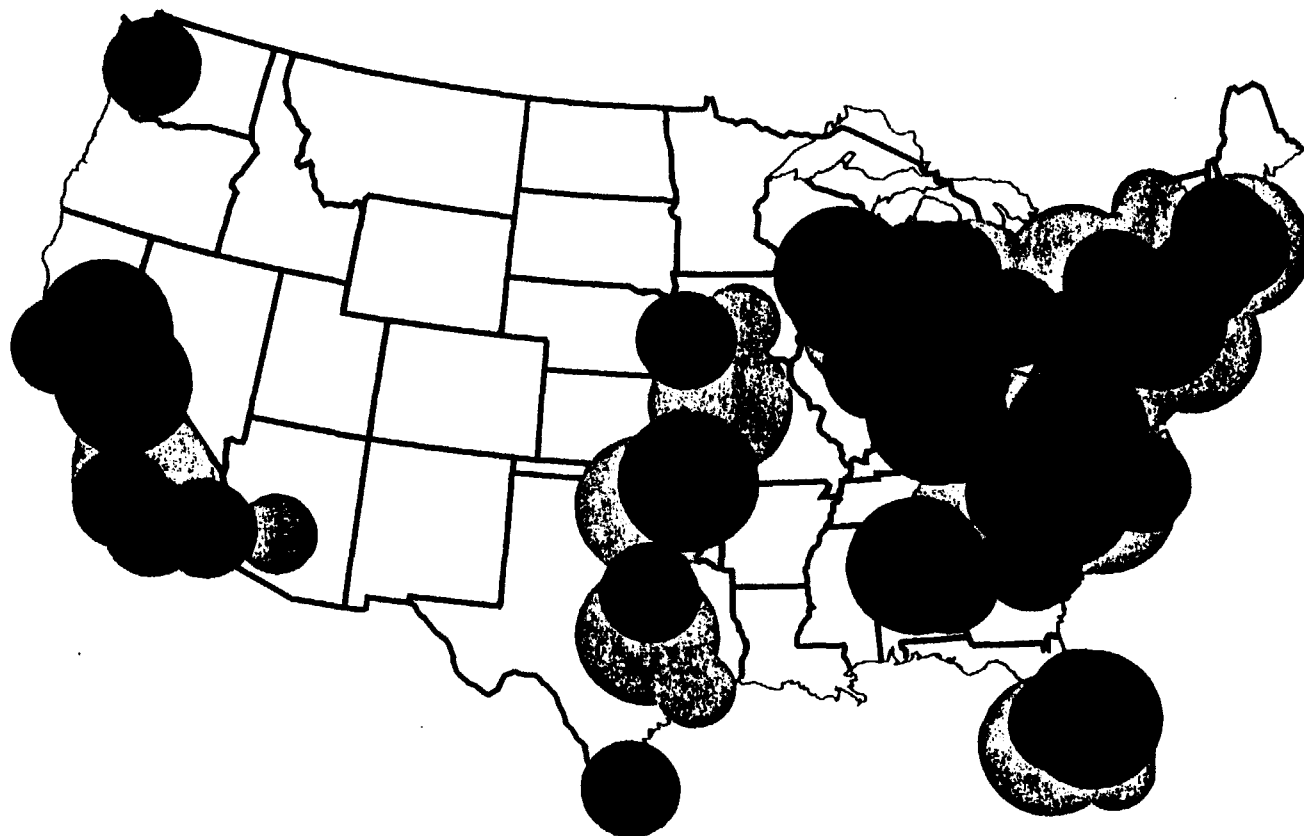
SCALE IS: 640.64 KM/INCH

398.07 MILES/INCH

BASLINE TABLE (CORRECTED FCC
DTV TABLE) -- CHANNEL 62

54-30-00 N
125-00-00 W

54-30-00 N
62 15-00 W



17-00-00 N
125-00-00 W



Stations on & adj. to channels 62 - 62

Plan file: plan_100996.dat

Stations are NTSC (Red) and ATV (Blue)

Date: 10 17 96

Scale points 37.00 / 94.00 / 188.00



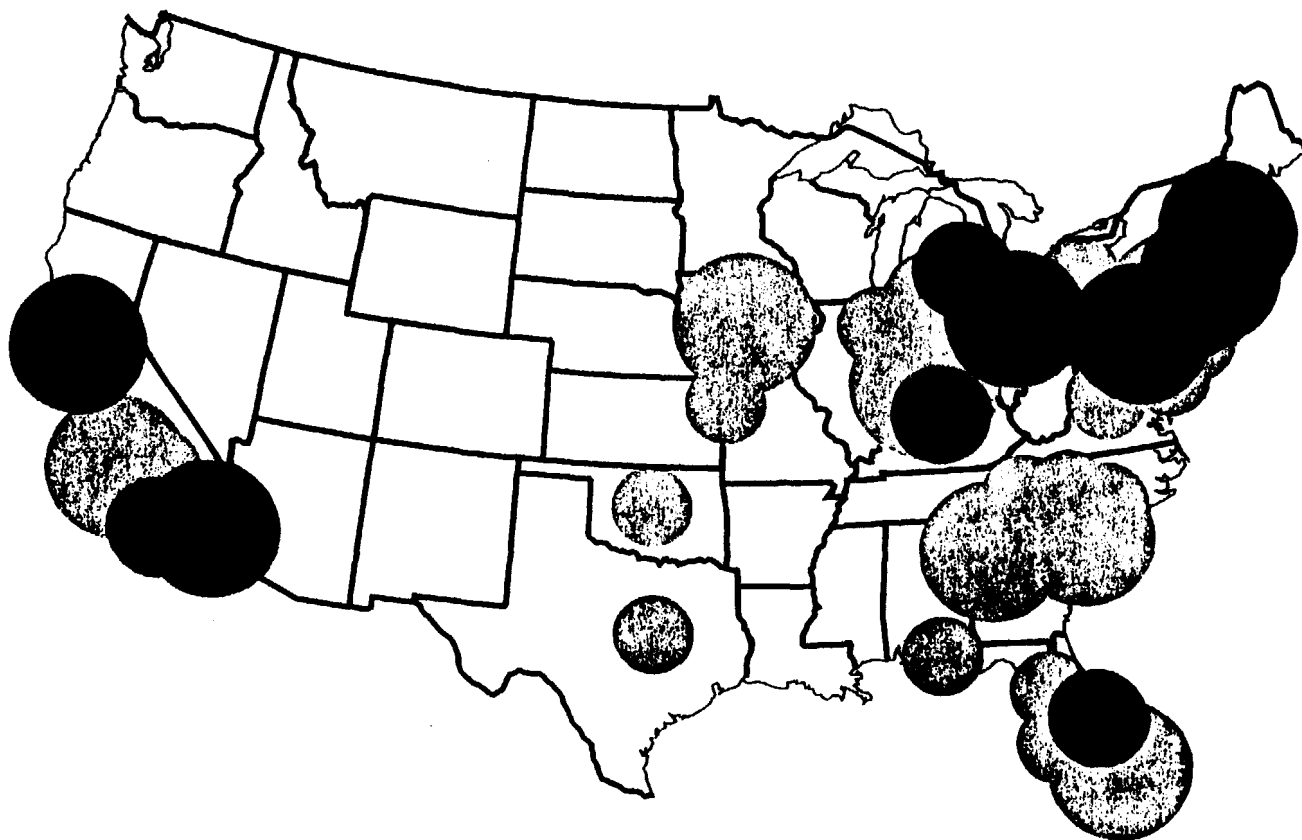
MAJOR DIVISIONS ARE: 100.0 KM

SCALE IS: 640.64 KM/INCH

398.07 MILES/INCH

54-30-00 N
125-00-00 W

54-30-00 N
62-15-00 W



17-00-00 N
125-00-00 W

17-00-00 N
90-00-00 W

Stations on & adj. to channels 63 - 63

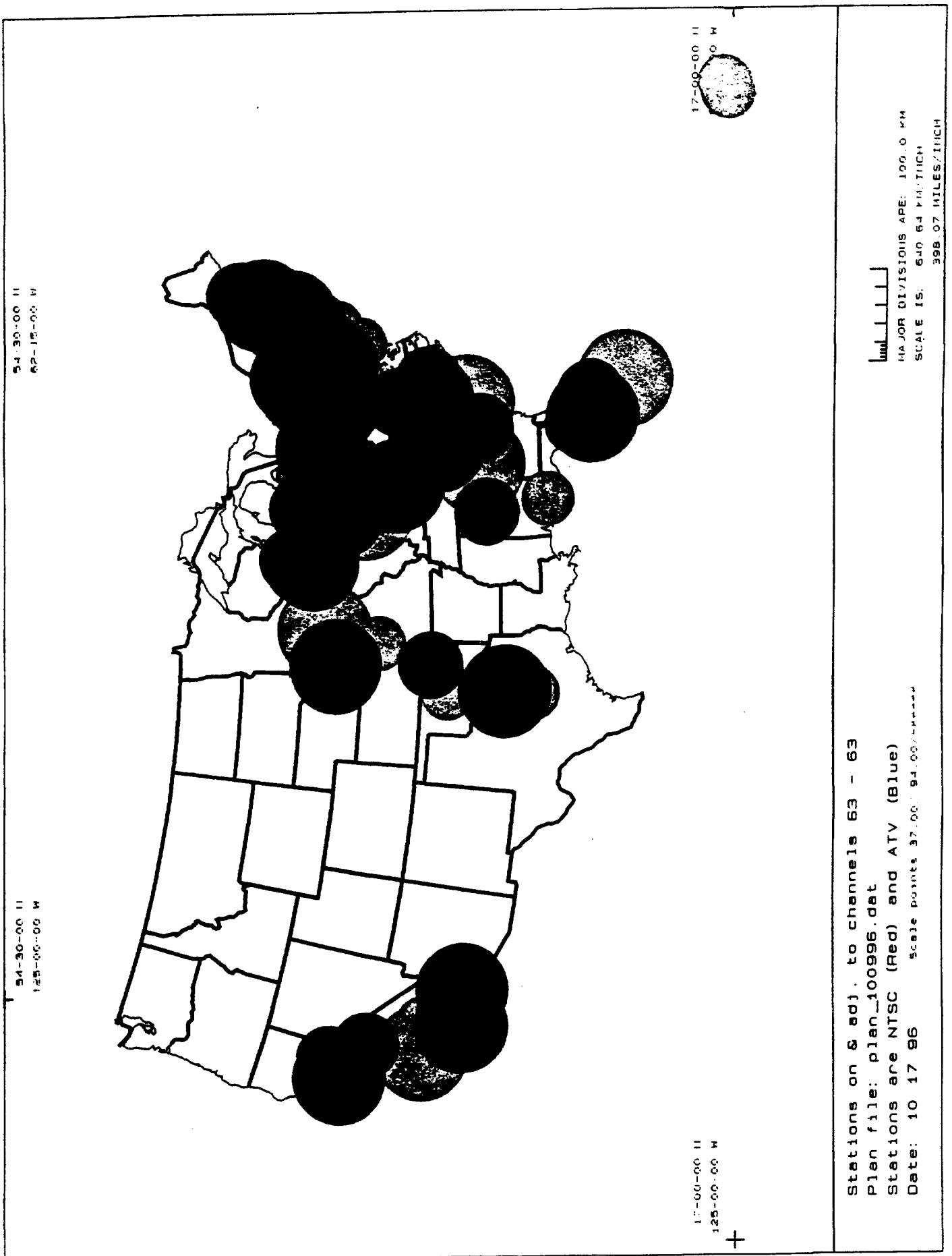
Plan file: fcc_96_plan_fix.dat

Stations are NTSC (Red) and ATV (Blue)

Date: 10 17 96

Scale points 37.00, 94.00, 151.00, 208.00, 265.00, 322.00, 379.00, 436.00, 493.00, 550.00, 607.00, 664.00, 721.00, 778.00, 835.00, 892.00, 949.00, 1006.00, 1063.00, 1120.00, 1177.00, 1234.00, 1291.00, 1348.00, 1405.00, 1462.00, 1519.00, 1576.00, 1633.00, 1690.00, 1747.00, 1804.00, 1861.00, 1918.00, 1975.00, 2032.00, 2089.00, 2146.00, 2203.00, 2260.00, 2317.00, 2374.00, 2431.00, 2488.00, 2545.00, 2602.00, 2659.00, 2716.00, 2773.00, 2830.00, 2887.00, 2944.00, 3001.00, 3058.00, 3115.00, 3172.00, 3229.00, 3286.00, 3343.00, 3400.00, 3457.00, 3514.00, 3571.00, 3628.00, 3685.00, 3742.00, 3799.00, 3856.00, 3913.00, 3970.00, 4027.00, 4084.00, 4141.00, 4198.00, 4255.00, 4312.00, 4369.00, 4426.00, 4483.00, 4540.00, 4597.00, 4654.00, 4711.00, 4768.00, 4825.00, 4882.00, 4939.00, 4996.00, 5053.00, 5110.00, 5167.00, 5224.00, 5281.00, 5338.00, 5395.00, 5452.00, 5509.00, 5566.00, 5623.00, 5680.00, 5737.00, 5794.00, 5851.00, 5908.00, 5965.00, 6022.00, 6079.00, 6136.00, 6193.00, 6250.00, 6307.00, 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12406.00, 12463.00, 12520.00, 12577.00, 12634.00, 12691.00, 12748.00, 12805.00, 12862.00, 12919.00, 12976.00, 13033.00, 13090.00, 13147.00, 13204.00, 13261.00, 13318.00, 13375.00, 13432.00, 13489.00, 13546.00, 13603.00, 13660.00, 13717.00, 13774.00, 13831.00, 13888.00, 13945.00, 14002.00, 14059.00, 14116.00, 14173.00, 14230.00, 14287.00, 14344.00, 14401.00, 14458.00, 14515.00, 14572.00, 14629.00, 14686.00, 14743.00, 14800.00, 14857.00, 14914.00, 14971.00, 15028.00, 15085.00, 15142.00, 15199.00, 15256.00, 15313.00, 15370.00, 15427.00, 15484.00, 15541.00, 15598.00, 15655.00, 15712.00, 15769.00, 15826.00, 15883.00, 15940.00, 15997.00, 16054.00, 16111.00, 16168.00, 16225.00, 16282.00, 16339.00, 16396.00, 16453.00, 16510.00, 16567.00, 16624.00, 16681.00, 16738.00, 16795.00, 16852.00, 16909.00, 16966.00, 17023.00, 17080.00, 17137.00, 17194.00, 17251.00, 17308.00, 17365.00, 17422.00, 17479.00, 17536.00, 17593.00, 17650.00, 17707.00, 17764.00, 17821.00, 17878.00, 17935.00, 17992.00, 18049.00, 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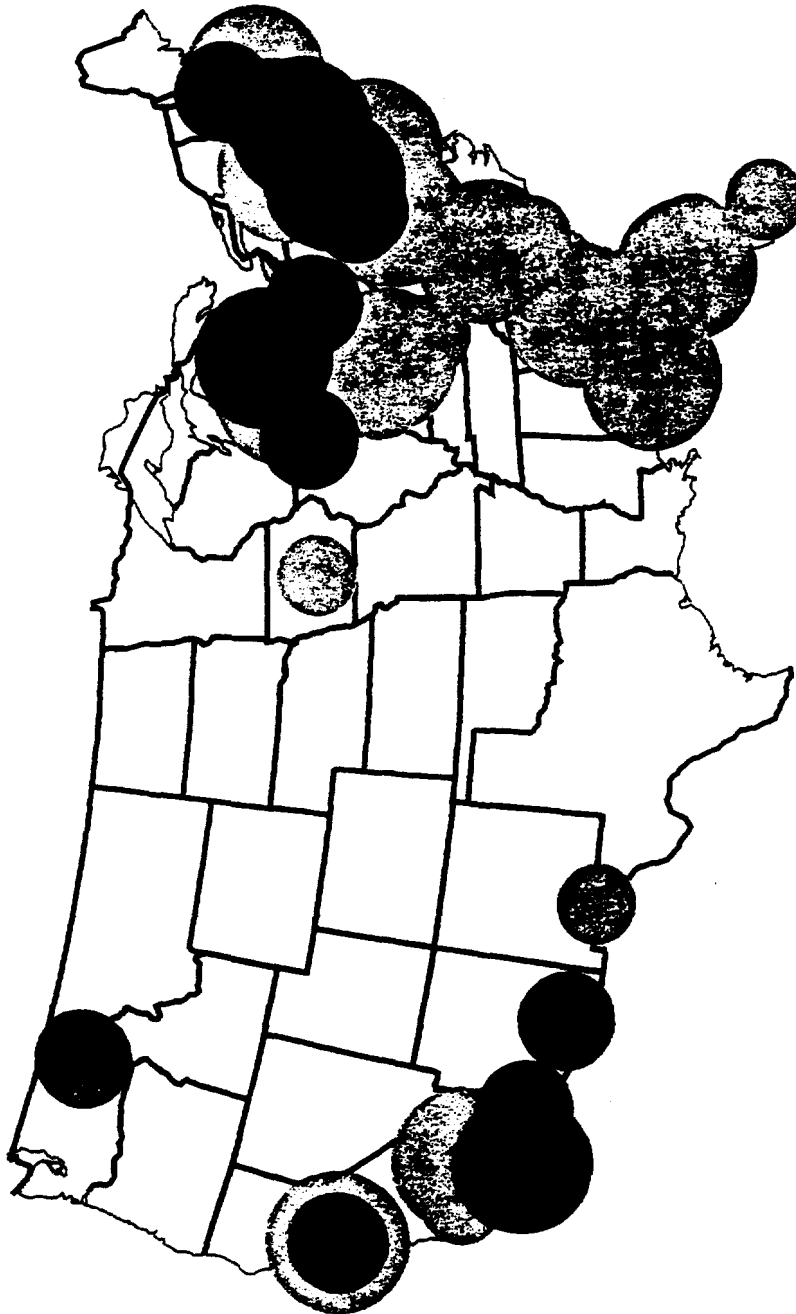
BROADCASTERS' MODIFIED TABLE -- CHANNEL 63



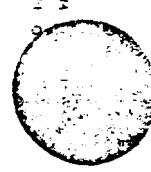
BASELINE TABLE (CORRECTED FCC DTV TABLE) -- CHANNEL 64

54-30-00 N
62-15-00 W

54-30-00 N
125-00-00 W



17-00-00 N
125-00-00 W



Stations on S ad). to channels 64 - 64

Plan file: fcc_96_plan_fix.dat

Stations are NTSC (Red) and ATV (Blue)

Date: 10 17 96 Scale points 37.000 94.000

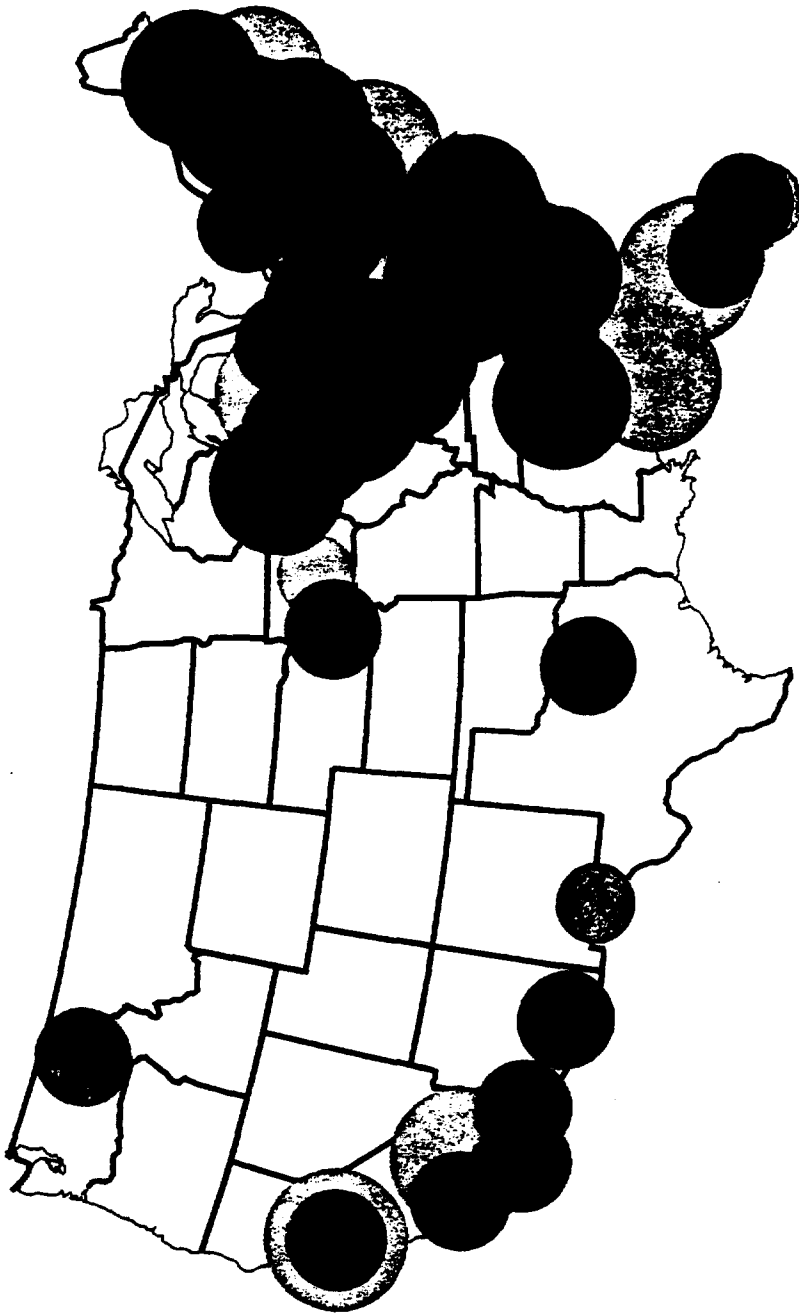


MAJOR DIVISIONS ARE: 100.0 KM
SCALE IS: 640.64 KM/INCH
398.07 MILES/INCH

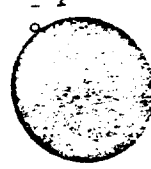
BROADCASTERS' MODIFIED TABLE -- CHANNEL 64

54-30-00 H
62-15-00 W

54-30-00 H
125-00-00 W



17-00-00 H
125-00-00 W

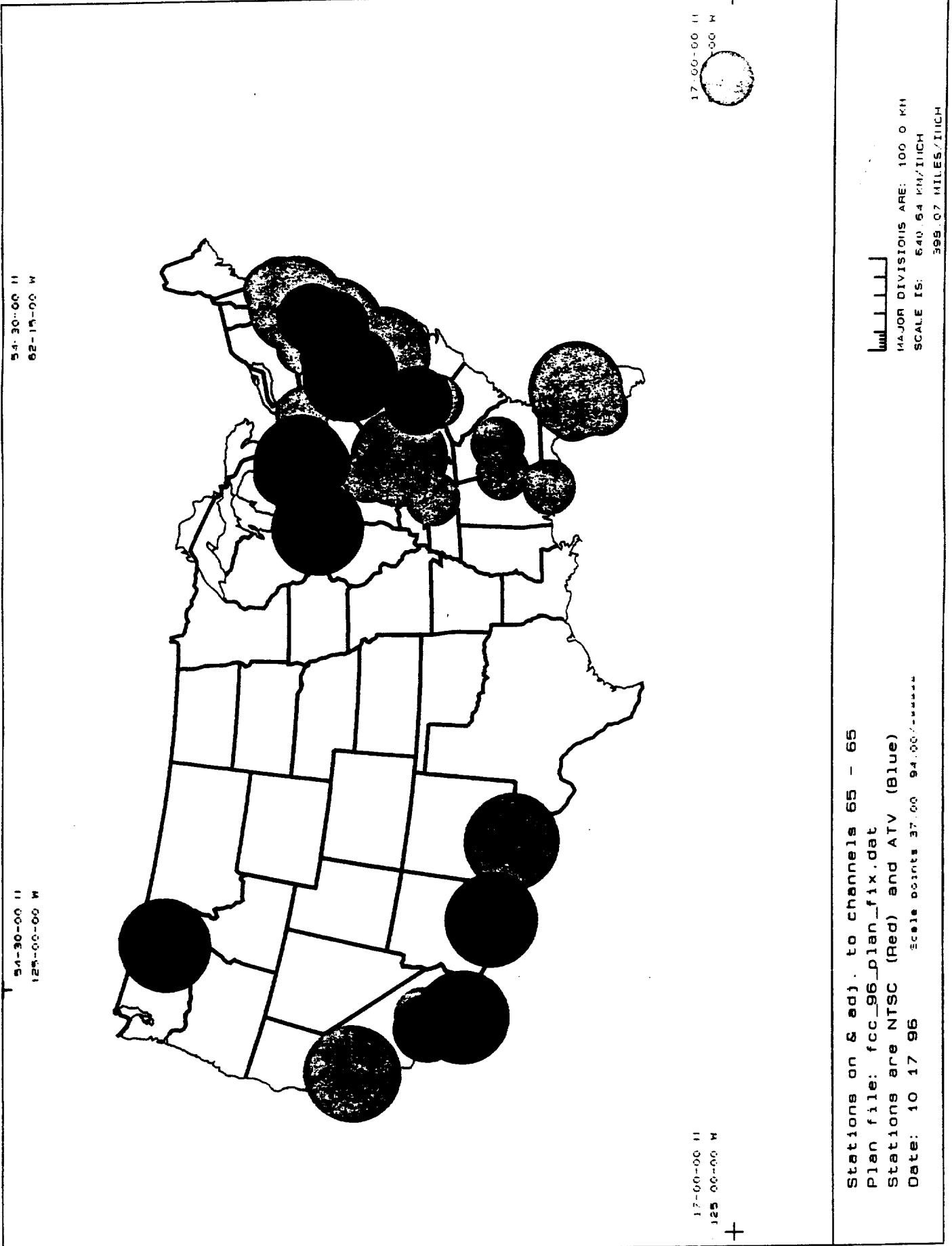


Stations on & adj. to channels 64 - 64
Plan file: plan_100996.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96 Scale points 37.000 92.000----



MAJOR DIVISIONS ARE: 100 0 MI
SCALE IS: 640.64 MI/INCH
398.07 MILES/INCH

BASELINE TABLE (CORRECTED FCC
DTV TABLE) -- CHANNEL 65



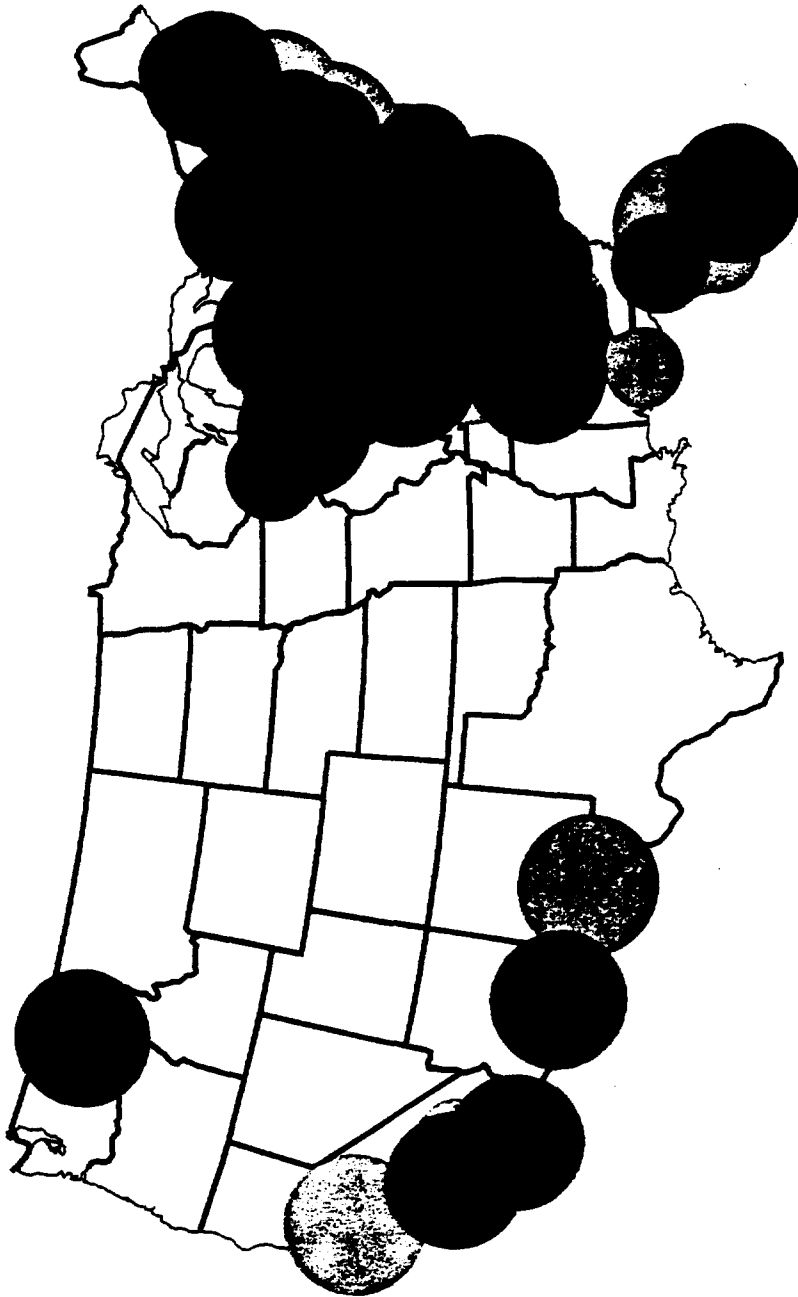
BROADCASTERS' MODIFIED TABLE -- CHANNEL 65

54-30-00 N
125-00-00 W

54-30-00 N
125-00-00 W

17-00-00 N
125-00-00 W

17-00-00 N
125-00-00 W

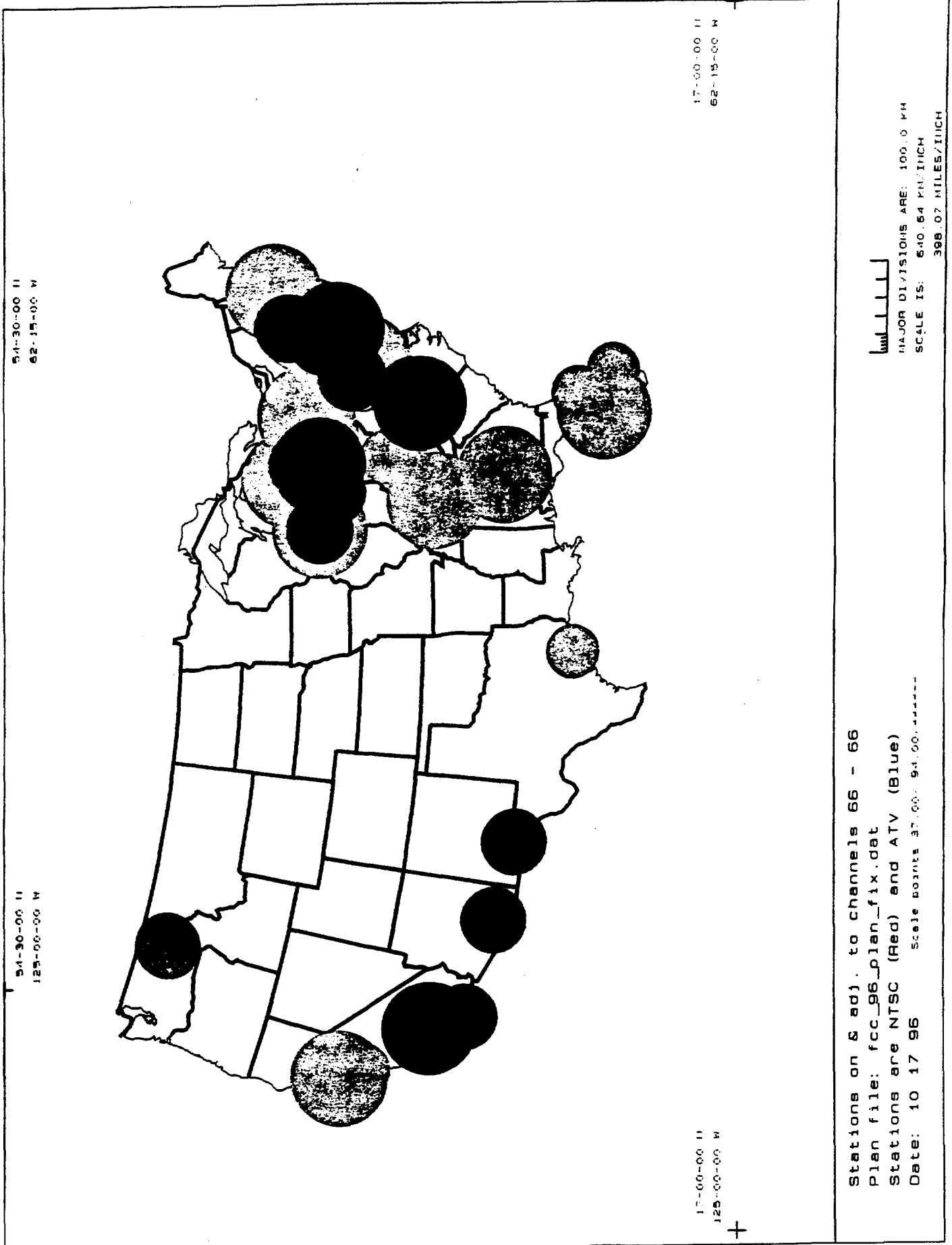


Stations on & adj. to channels 65 - 65
Plan file: plan_100996.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96 Scale points 37.00 94.00

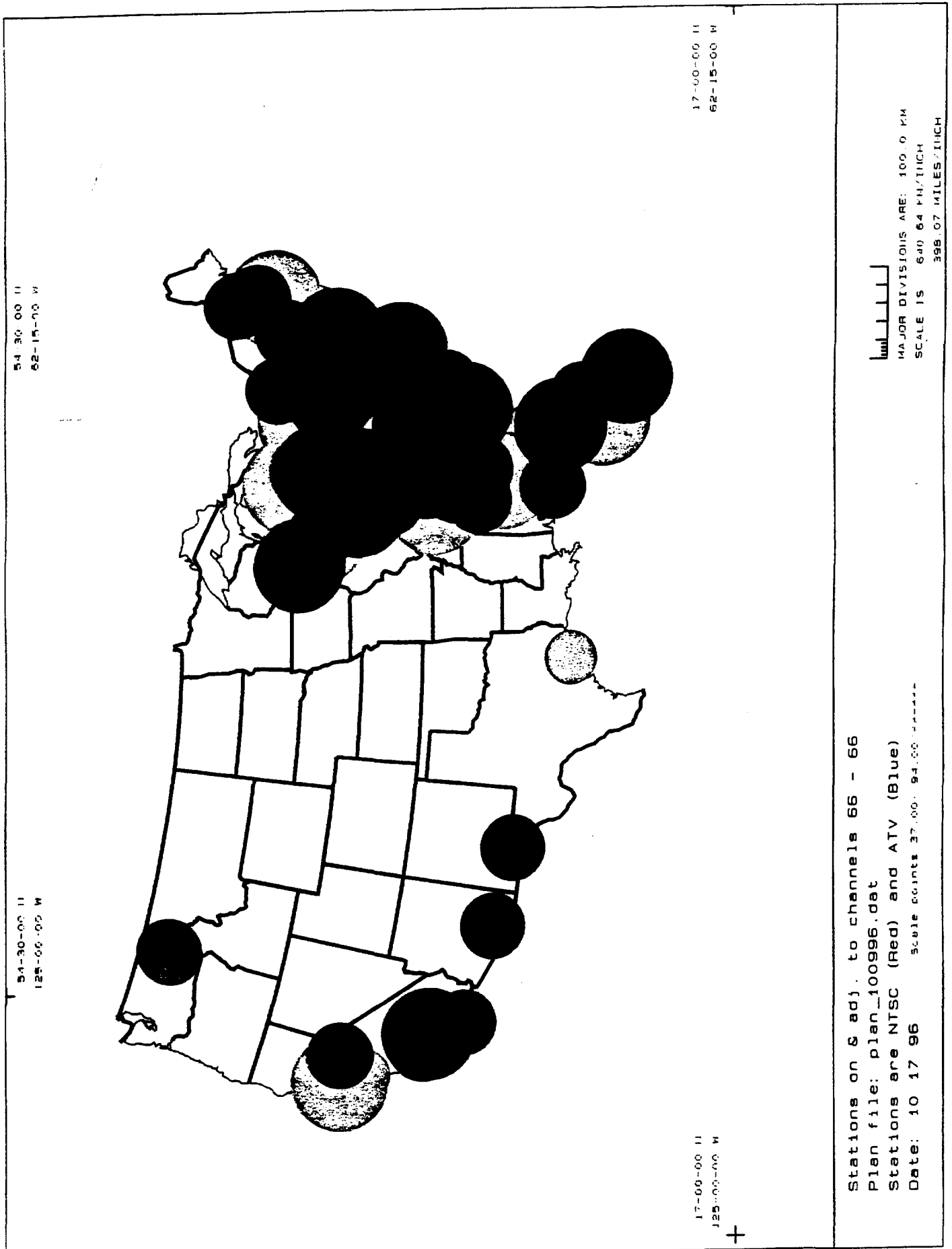


MAJOR DIVISIONS ARE: 100.0 MI
SCALE IS: 640.64 MI/INCH
399.07 MILES/INCH

BASELINE TABLE (CORRECTED FCC
DTV TABLE) -- CHANNEL 66



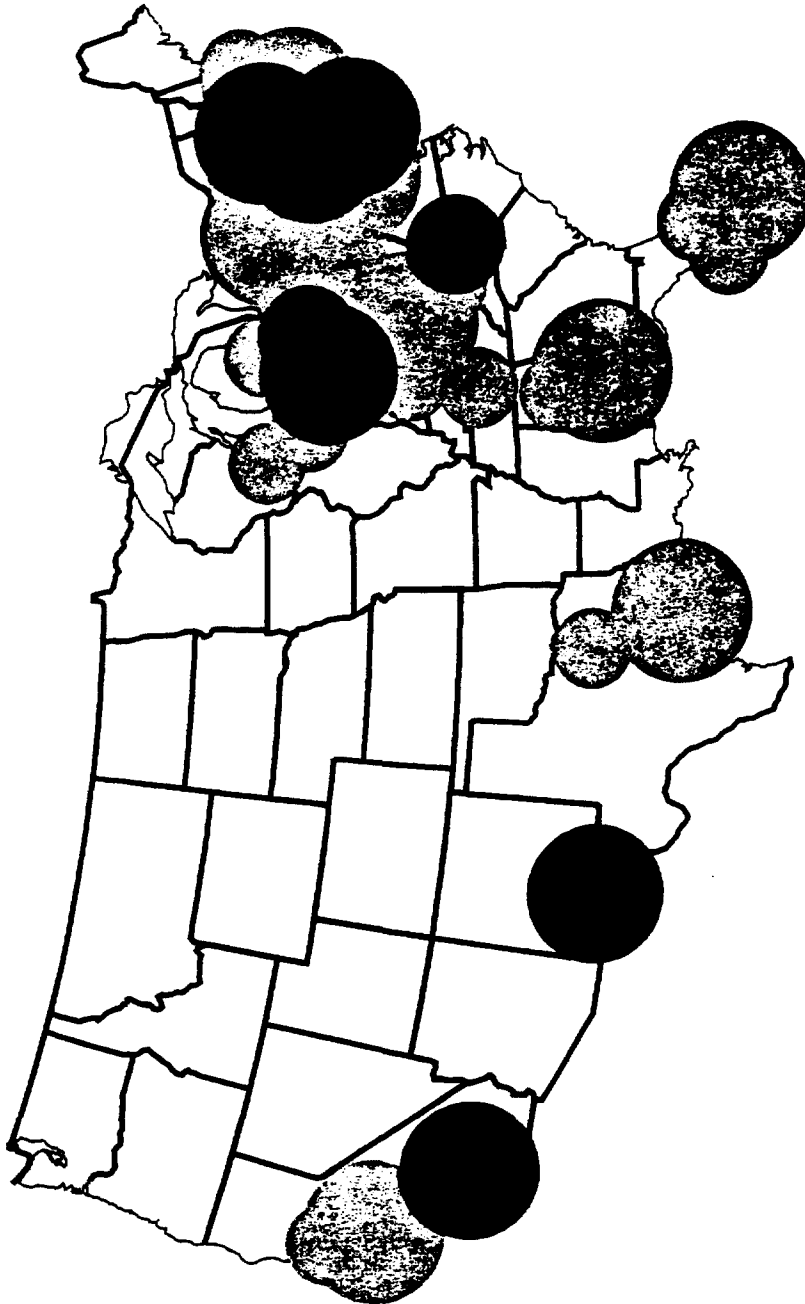
BROADCASTERS' MODIFIED TABLE -- CHANNEL 66



BASELINE TABLE (CORRECTED FCC DTV TABLE) -- CHANNEL 67

54-30-00 H
62-15-00 W

54-30-00 H
125-00-00 W



17-00-00 H
125-00-00 W

17-00-00 H
62-15-00 W

Stations on 6 adj. to channels 67 - 67
Plan file: fcc_96_plan_fix.dat
Stations are NTSC (Red) and ATV (Blue)
Date: 10 17 96 Scale points 37 00 94 00 44 44



MAJOR DIVISIONS ARE: 100.0 KM
SCALE IS: 640.64 KM/INCH
399.07 MILES/INCH